RESIDENTIAL DEVELOPMENT
APPROXIMATELY 14 ACRES (8.5% OF WATERSHED)
100 YEAR STORM VOLUME - 175,000 CU-FT*
% OF TOTAL VOLUME INTO THE LAKE - 6.5%

E.O. SMITH SCHOOL
APPROXIMATELY 22.50 ACRES (13.6% OF WATERSHED)
100 YEAR STORM VOLUME - 430,000 CU-FT*
% OF TOTAL VOLUME INTO THE LAKE - 16%

STORRS CENTER
APPROXIMATELY 1.55 ACRES (1.0% OF WATERSHED)
100 YEAR STORM VOLUME - 43,500 CU-FT*
% OF TOTAL VOLUME INTO THE LAKE - 1.6%

FRONTIER COMMUNICATIONS
APPROXIMATELY 1.10 ACRE (0.7% OF WATERSHED)
100 YEAR STORM VOLUME - 20,000 CU-FT*
% OF TOTAL VOLUME INTO THE LAKE - 0.7%

STATE ROUTE 195
APPROXIMATELY 3.75 ACRES (2.0% OF WATERSHED)
100 YEAR STORM VOLUME - 100,000 CU-FT*
% OF TOTAL VOLUME INTO THE LAKE - 3.5%

MIRROR LAKE WATERSHED,
APPROXIMATELY 165 ACRES

*RUNOFF VOLUMES HAVE BEEN CALCULATED USING THE NRCS TR-55
METHOD. RAINFALL DEPTHS ARE REFERENCED FROM THE NOAA ATLAS 14,
24 HOUR 100 YEAR STORM EVENT FOR THE STORRS, CT WEATHER
STATION. CN VALUES ARE REFERENCED FROM NRCS TR-55. SOIL TYPES ARE
REFERENCED FROM THE NRCS WEBSOIL SURVEY WEBSITE. GROUND
COVERAGE HAS BEEN ESTIMATED USING AERIAL MAPPING AND AVAILABLE
SURVEY. STORMWATER VOLUMES ARE TO BE CONSIDERED APPROXIMATE.